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(71) Applicant(s)

France Fucilla
14 Verulam Ave, PURLEY, Surrey, CR8 3ND,
United Kingdom

(72) Inventor(s)

France Fucilla

(74) Agent and/or Address for Service

France Fucilla
14 Verulam Ave, PURLEY, Surrey, CR8 3ND,
United Kingdom(51) INT CL⁷

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(56) Documents Cited

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(58) Field of Search

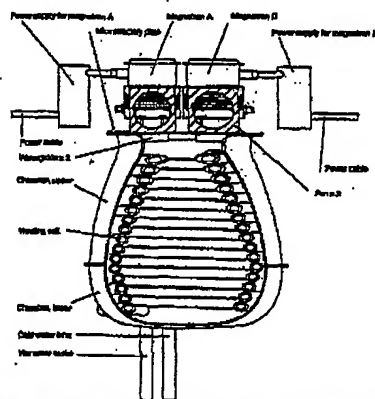
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(54) Abstract Title

Microwave continuous flow water heater

(57) The Microwave continuous flow and liner water heater consists of a closed chamber into which microwaves at a frequency of 2450 mhz. are introduced via two magnetrons, the heater being characterised by a chamber of truncated conical section having a concave base wherein no adjacent section are at right angles thus preventing generation of refraction and diffraction waves. The base of the chamber serves as a reflecting dish to direct energy towards the silica based flexible coil disposed against the chamber wall. The silica based coil is spiral led inside the chamber and is terminated to inlet and outlet glands. These provide for a continuous flow of water to pass through the coil in any direction depending upon the application and/or the plumbing arrangements in which it is being used.

Section view with outer casework removed



As least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

This print takes account of replacement documents submitted after the date of filing to enable the application to comply with the formal requirements of the Patents Rules 1995

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